

## Electronic Patent Application Fee Transmittal

|   |   |                 |               |                             |
|---|---|-----------------|---------------|-----------------------------|
| <b>Application Number:</b>                  | 10780012                                      |                 |               |                             |
| <b>Filing Date:</b>                         | 17-Feb-2004                                   |                 |               |                             |
| <b>Title of Invention:</b>                  | METHODS AND APPARATUS FOR RADIATION DETECTION |                 |               |                             |
| <b>First Named Inventor/Applicant Name:</b> | Michael Fred Hoge                             |                 |               |                             |
| <b>Filer:</b>                               | Patrick W. Rasche                             |                 |               |                             |
| <b>Attorney Docket Number:</b>              | 132494  |                 |               |                             |
| Filed as Large Entity                       |   |                 |               |                             |
| <b>Utility      Filing Fees</b>             |   |                 |               |                             |
| <b>Description</b>                          | <b>Fee Code</b>                               | <b>Quantity</b> | <b>Amount</b> | <b>Sub-Total in USD(\$)</b> |
| <b>Basic Filing:</b>                        |   |                 |               |                             |
| <b>Pages:</b>                               |   |                 |               |                             |
| <b>Claims:</b>                              |   |                 |               |                             |
| <b>Miscellaneous-Filing:</b>                |   |                 |               |                             |
| <b>Petition:</b>                            |   |                 |               |                             |
| <b>Patent-Appeals-and-Interference:</b>     |   |                 |               |                             |
| <b>Post-Allowance-and-Post-Issuance:</b>    |   |                 |               |                             |
| Utility Appt Issue fee                      | 1501  | 1               | 1400          | 1400                        |
| Publ. Fee- early, voluntary, or normal      | 1504  | 1               | 300           | 300                         |

| Description        | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|--------------------|----------|----------|--------|----------------------|
| Extension-of-Time: |          |          |        |                      |
| Miscellaneous:     |          |          |        |                      |
| Total in USD (\$)  |          |          |        | 1700                 |